

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT INITIATION

66

Date: September 9, 1977

Project Title: "Development of a Capability for Environmental Testing of Composite Structures."

Project No: E-16-626

Project Director: Dr. L. W. Rehfield

Sponsor: National Science Foundation

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Agreement Period: From 9/1/77 Until 2/28/79
(Includes the 6-month flexibility period)

Type Agreement: Grant No. ENG77-17599 (Equipment Grant)

Amount: \$12,800 (NSF funds)
13,555 (GIT funds - E-16-316)
\$26,355 TOTAL

Reports Required: Final Technical Report, Summary of Completed Project.

Sponsor Contact Person (s):

Technical Matters

Dr. Clifford Astill
Solid Mechanics Program Manager
National Science Foundation
Washington, D. C. 20550

Contractual Matters
(thru OCA)

James L. Bostick
Grants Officer
National Science Foundation
Washington, D. C. 20550

Defense Priority Rating: N/A

Assigned to: Aerospace Engineering (School/Laboratory)

COPIES TO:

Project Director
Division Chief (EES)
School/Laboratory Director
Dean/Director-EES
Accounting Office
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Project File (OCA)
Project Code (GTRI)
Other _____

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION
SPONSORED PROJECT TERMINATION

Date: March 24, 1980

Project Title: Development of a Capability for Environmental Testing of Composite Structures

Project No: E-16-626

Project Director: Dr. L. W. Rehfield

Sponsor: NSF

Effective Termination Date: February 28, 1979

Clearance of Accounting Charges: February 28, 1979

Grant/Contract Closeout Actions Remaining:

- ☐ Final Invoice and Closing Documents
- ☒ Final Fiscal ~~Report~~ Accounting (FCTR)
- ☐ Final Report of Inventions
- ☐ Govt. Property Inventory & Related Certificate
- ☐ Classified Material Certificate
- ☐ Other _____

Assigned to: Aerospace Engineering (School/~~Laboratory~~)

COPIES TO:

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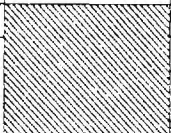
PART I-PROJECT IDENTIFICATION INFORMATION

1. Institution and Address Georgia Institute of Technology School of Aerospace Engineering Atlanta, Georgia 30332	2. NSF Program	3. NSF Award Number ENG77-17599
	4. Award Period From 9-1-77 To 2-28-79	5. Cumulative Award Amount \$12,800
6. Project Title Development of a Capability for Environmental Testing of Composite Structures		

PART II-SUMMARY OF COMPLETED PROJECT (FOR PUBLIC USE)

An experimental research capability has been established for performing mechanical tests on resin matrix composite structures in high temperature/high humidity environments. Test conditions include static, dynamic and fatigue loading. To date an extensive series of tests on dynamic behavior under high temperature, humid conditions have been performed. The environmental effects on behavior have been documented and the results reported at three national meetings.

PART III-TECHNICAL INFORMATION (FOR PROGRAM MANAGEMENT USES)

1. ITEM (Check appropriate blocks)	NONE	ATTACHED	PREVIOUSLY FURNISHED	TO BE FURNISHED SEPARATELY TO PROGRAM	
				Check (✓)	Approx. Date
a. Abstracts of Theses					
b. Publication Citations					
c. Data on Scientific Collaborators					
d. Information on Inventions					
e. Technical Description of Project and Results					
f. Other (specify)					
2. Principal Investigator/Project Director Name (Typed) Lawrence W. Rehfield		3. Principal Investigator/Project Director Signature		4. Date 12/10/79	